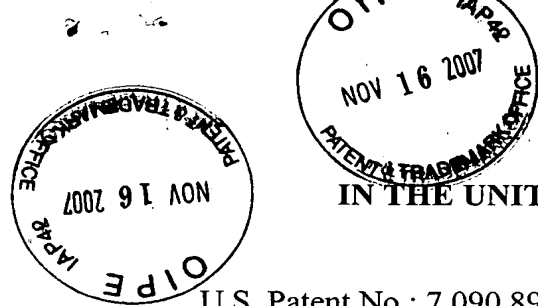


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No.: 7,090,899

Serial No. : 10/658,471

Filed : September 10, 2003

Issued : August 15, 2006

For : Liquid-crystalline Medium Having High Birefringence

Certificate
NOV 20 2007
of Correction

**PETITION FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 C.F.R. § 1.322 OR § 1.323**

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Applicants hereby request that the above-identified U.S. patent be corrected in accordance with the attached Certificate of Correction.

I. C.F.R. § 1.322

- ☒ We are resubmitting this Certificate of Correction because a second page is missing. We are only submitting the missing page. The mistake(s) was incurred through the fault of the Patent and Trademark Office and is clearly disclosed in the records of the Office. Therefore, no fee is due.

II. C.F.R. § 1.323


- ☐ At least some of the mistakes was/were made by the applicant. Therefore, a check in the amount of \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a) is enclosed herewith.

Enclosed herewith is a Form PTO-1050 (in duplicate) listing errors that have been found in the above-identified patent. The error(s) are of a clerical or typographical nature or of minor character and were made in good faith. The requested correction(s) do not constitute new matter or require reexamination.

NOV 27 2007

III. Accordingly, patentees and their assignee respectfully request that the Patent and Trademark Office issue a Certificate of Correction pursuant to 37 C.F.R. § 1.322 or § 1.323, respectively.

Respectfully submitted,


Jennifer J. Branigan, Reg. No. 40,921
Attorney for Applicants

MILLEN, WHITE, ZELANO
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2200 Clarendon Blvd. Suite 1400
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Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-2739

Date: November 16, 2007

JJB/cht

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

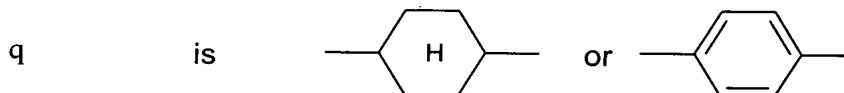
PATENT NO : 7,090,899

DATED : August 15, 2006

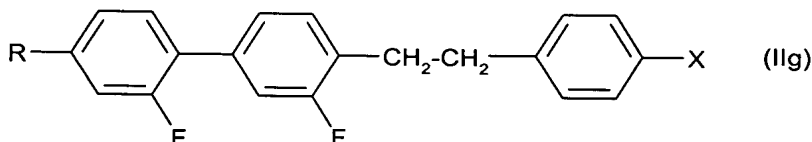
INVENTOR(S) : Matthias Bremer

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 25, line 29, reads "and formulas" should read – and formulae –
 Column 26, line 2, reads "ropy $\Delta \epsilon$ of ≥ 3 " should read - ropy $\Delta \epsilon$ of ≥ 3 –
 Column 26, line 16, reads "1-15 alkoxy" should read – 1-15, alkoxy –
 Column 27, line 50, insert – R-k-l-m- R^1 –
 Column 28, line 1, reads " R^1 , is" should read – R^1 is –
 Column 28, line 33, should read



Column 28, line 57, insert – r and s are each independently –
 Column 29, line 12, reads " R^2 , is" should read – R^2 is –
 Column 29, line 44, reads "alkoy" should read – alkoxy –
 Column 29, line 63, should read



Column 30, line 28, reads "alkyl radial" should read – alkyl radical –
 Column 31, line 2, reads "(VIIa), (IXa)," should read – (VIIIa), (IXa), –
 Column 31, line 12, reads "formula (IIg)," should read – formula (VIa), –
 Column 31, line 40, reads "said mdium" should read – said medium –
 Column 32, line 34, reads "-OCF3, -OCF2H," should read – -OCF3, -OCF2H, –
 Column 33, line 36, reads " R^1 , is" should read – R^1 is –
 Column 34, line 30, insert – r and s are each independently –
 Column 34, line 50, reads " R^2 , is" should read – R^2 is –

MAILING ADDRESS OF SENDER:

Millen, White, Zelano & Branigan, P.C.
 2200 Clarendon Blvd, Suite 1400
 Arlington, VA 22201

PATENT NO. 7,090,899


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U.S. Patent No.: 7,090,899

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AUG 30 2007
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PURSUANT TO 37 C.F.R. § 1.322 OR § 1.323**

Assistant Commissioner for Patents
Washington, D. C. 20231

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- ☐ The mistake(s) was/were incurred through the fault of the Patent and Trademark Office and is/are clearly disclosed in the records of the Office. Therefore, no fee is due.

II. C.F.R. § 1.323

- ☒ At least some of the mistakes were made by the applicant and the US PTO. Therefore, a check in the amount of \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a) is enclosed herewith.

Enclosed herewith is a Form PTO-1050 (in duplicate) listing errors that have been found in the above-identified patent. The error(s) are of a clerical or typographical nature or of minor character and were made in good faith. The requested correction(s) does not constitute new matter or require reexamination.

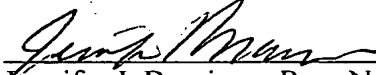
08/27/2007 PAIRED 1 00000032 7090899
01 FC:1811 100.00 OP

AUG 30 2007

NOV 27 2007

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Respectfully submitted,



Jennifer J. Branigan, Reg. No. 40,921
Attorney for Applicants

MILLEN, WHITE, ZELANO
& BRANIGAN, P.C.
Arlington Courthouse Plaza 1
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Telephone: (703) 243-6333
Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-2739

Date: August 28, 2007

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

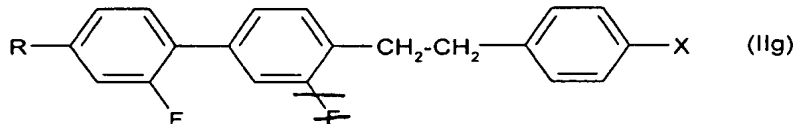
PATENT NO : 7,090,899

DATED : August 15, 2006

INVENTOR(S) : Matthias Bremer

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 16, line 52, reads "alkoxy alkenyl" should read – alkoxy, alkenyl –
Column 17, line 25, reads "acording to" should read – according to –
Column 17, line 63, reads "alkoxy or radical" should read – alkoxy or alkenyl radical –
Column 18, line 63, reads " R^1 , is" should read – R^1 is –
Column 19, line 35, reads "formula formulae" should read – formulae –
Column 19, line 30, insert – r and s are each independently –
Column 20, line 2, reads " R^2 , is" should read – R^2 is –
Column 20, line 11, reads "(Va) to Vd)" should read – (Va) to (Vd) –
Column 21, line 9, should read



Column 24, line 8, reads "(VIIb)," should read – (VIIb), –
Column 24, line 10, reads "formula (Va)," should read – formula (VIIIa), –
Column 24, line 66, reads "is 'F,'" should read – is –F, –
Column 25, line 29, reads "from formulas" should read – from formulae –

MAILING ADDRESS OF SENDER:

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2200 Clarendon Blvd, Suite 1400
Arlington, VA 22201

PATENT NO. 7,090,899

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

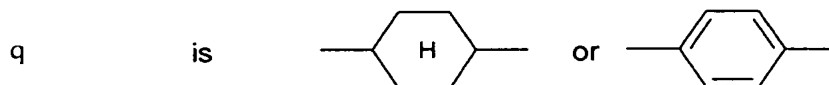
PATENT NO : 7,090,899

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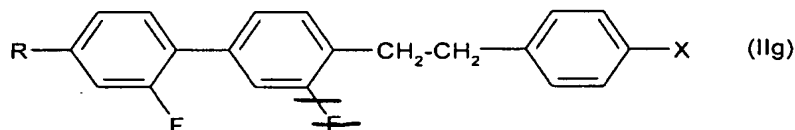
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 Column 26, line 16, reads "1-15 alkoxy" should read – 1-15, alkoxy –
 Column 27, line 50, insert – R-k-l-m-R¹ –
 Column 28, line 1, reads "R¹, is" should read – R¹ is –
 Column 28, line 33, should read



Column 28, line 57, insert – r and s are each independently –
 Column 29, line 12, reads "R², is" should read – R² is –
 Column 29, line 44, reads "alkoy" should read – alkoxy –
 Column 29, line 63, should read



Column 30, line 28, reads "alkyl radial" should read – alkyl radical –
 Column 31, line 2, reads "(VIIa), (IXa)," should read – (VIIa), (IXa), –
 Column 31, line 12, reads "formula (IIg)," should read – formula (VIa), –
 Column 31, line 40, reads "said mdiium" should read – said medium –
 Column 32, line 34, reads "-OCF₃, -OCF₂H," should read – -OCF₃, -OCF₂H, –
 Column 33, line 36, reads "R¹, is" should read – R¹ is –
 Column 34, line 30, insert – r and s are each independently –
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